Index of Claims

| Application/Control No. |
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09/970,147

Examiner

Venkatanarayanan Perungavoor Applicant(s)/Patent under Reexamination

BOUCHARD ET AL.

Art Unit

2132

| √ | Rejected | _ | (Through numeral)<br>Cancelled | N | Non-Elected  | A | Appeal   |
|---|----------|---|--------------------------------|---|--------------|---|----------|
| = | Allowed  | ÷ | Restricted                     | - | Interference | 0 | Objected |

| Clá          | aim      | Date         |          |   |  |              | Claim Date   |          |              |          |          |          | ]        | CI  | aim            | Date     |              |  |         |         |          |            |       |            |          |                 |          |              |           |          |                     |   |           |
|--------------|----------|--------------|----------|---|--|--------------|--------------|----------|--------------|----------|----------|----------|----------|---|----------------|----------|--------------|--|---------|---------|----------|------------|-------|------------|----------|-----------------|----------|--------------|-----------|----------|---------------------|---|-----------|
| Final        | Original | 9/7/05       |          |   |  |              |              |          |              |          | Final    |          | Original |   |                |          |              |  | i       |         |          |            | Final | Original   |          |                 |          |              |           |          |                     |   |           |
|              | 1        | 1            |          | _ | t  | H            | ├-           |          | <u> </u>     | $\dashv$ | $\vdash$ | +        | 51       | $\neg \dagger$                                    | 十              | _        | 十            | +  | $\top$  | +       | +        | 1          |       | 101        |          |                 |          |              | $\neg$    |          | $\neg$              |   | П         |
|              | 2        | =            |          |   |  | T            |              |          |              | $\dashv$ |          |          | 52       | 十   | 十              | 1        | $\top$       | 1  | T       | $\top$  | 1        | 1          |       | 102        |          |                 |          |              | $\neg$    |          | $\neg$              |   | П         |
|              | 3        | =            |          |   |  | İ            |              |          |              |          |          |          | 53       | $\neg$  | T              | 1        | T            |  | 1       | Τ       |          | 1          |       | 103        |          |                 | T        |              |           |          |                     |   |           |
|              | 4        | =            |          |   |  |              |              |          |              |          |          |          | 54       | $\Box$  | T              |          |              | I  |         |         |          |            |       | 104        |          |                 |          |              |           |          |                     |   |           |
|              | 5        | 1            |          |   |  |              |              |          |              |          |          |          | 55       |   |                |          |              |  |         |         |          | ]          |       | 105        |          |                 |          |              |           |          |                     |   |           |
|              | 6        | =            |          |   |  |              |              |          |              |          |          |          | 56       |   |                |          | $\perp$      |  | Ι       | I       |          | ]          |       | 106        |          |                 |          |              |           |          |                     |   |           |
|              | 7        | =            |          |   |  |              |              | L.       |              |          |          |          | 57       | _ _   |                |          |              |  |         | $\perp$ | $\perp$  |            |       | 107        |          | Ш               |          |              |           |          | $\Box$              |   | $\sqcup$  |
|              | 8        | <u>  -</u>   |          |   | _  | <u> </u>     | _            | L_       | L            |          |          |          | 58       |   | $\perp$        | $\perp$  | $\perp$      | _  |         | $\perp$ |          |            |       | 108        |          |                 |          |              |           |          |                     |   | $\vdash$  |
|              | 9        | <u>-</u>     |          |   |  |              | $oxed{oxed}$ | _        |              | _        |          |          | 59       |   | _              | _ _      | _            | _  | _       | $\bot$  |          |            |       | 109        | _        |                 |          |              |           |          | _                   |   | <b>  </b> |
|              | 10       | -            |          |   | _  |              | _            |          |              | _        |          |          | 60       |   | _              | $\perp$  | $\perp$      | _  | _       | $\bot$  | 1        |            |       | 110        |          | Ш               |          |              |           |          | _                   |   | $\vdash$  |
|              | 11       | -            |          |   |  | <u> </u>     | _            |          | $\vdash$     | _        | <u> </u> |          | 61       | _   | 4              | $\perp$  | +            | _  | $\perp$ | $\perp$ | $\perp$  |            |       | 111        | $\vdash$ | Ш               |          |              | $\square$ |          | _                   |   | $\dashv$  |
| <u> </u>     | 12       | -            | $\vdash$ |   | _  | <u> </u>     | <b>—</b>     | _        |              | _        | <u> </u> |          | 62       | _   | +              | +        | +            | +  | +       | +       | +        |            |       | 112        | $\vdash$ | Ш               |          |              | Ш         |          | _                   |   | ,         |
|              | 13       | <u> </u>     | $\vdash$ |   | $\vdash$   | _            | $\vdash$     | $\vdash$ | $\vdash$     | $\dashv$ | $\vdash$ |          | 63       |   | +              | -        | +            | +  | +       | +       | +        |            |       | 113        |          | Н               |          |              | -         |          |                     |   |           |
|              | 14       | -            | $\vdash$ |   | -  | -            | ⊢            | -        |              | 긕        | $\vdash$ |          | 64       | +   |                |          | +            | +  | +       | +       | +        |            |       | 114        | <u> </u> | $\vdash$        |          |              | $\vdash$  |          | $\dashv$            | _ | -         |
| <u> </u>     | 15       | ŀ            |          |   | $\vdash$   | -            | $\vdash$     | -        | <u> </u>     | $\dashv$ | _        |          | 65<br>66 | +   | +              | -        | - -          | +  | +       | +       | +        |            |       | 115<br>116 |          | $\vdash \vdash$ |          |              | $\vdash$  |          | $\dashv$            |   | $\dashv$  |
| <u> </u>     | 16<br>17 | -            | -        |   | $\vdash$   | 1            | -            | -        | -            | $\dashv$ | $\vdash$ |          | 67       | +   | +              |          | +            | +  | +       | +       | +        |            |       | 117        |          | Н               |          |              | $\dashv$  |          | $\dashv$            | _ | $\dashv$  |
| <b>_</b>     | 18       | <del> </del> | -        |   | -  | $\vdash$     | -            | $\vdash$ | $\vdash$     | $\dashv$ | -        |          | 68       | +   | +              |          | +            | +  | +       | +       | +        | 1          |       | 117        |          | $\vdash$        |          |              | $\dashv$  |          | $\dashv$            | - | $\vdash$  |
|              | 19       | -            | -        |   | ├  | -            | ┢            | ⊢        | -            | -        | -        |          | 69       | $\dashv$  | +              | +        | +            | +  | +-      | +-      | +-       |            |       | 119        | _        |                 |          |              |           |          | $\rightarrow$       |   | 一         |
| -            | 20       | -            | -        | _ | ⊢  |              | ┢            |          | -            |          | -        |          | 70       | $\dashv$  | +              | +        | +            | +  | +       | ┿       | ┿        |            |       | 120        | _        |                 |          | _            |           |          | $\dashv$            |   | Н         |
|              | 21       | $\vdash$     | -        |   | ┢  | ┼            | ╆┈           |          | -            | $\dashv$ | -        |          | 71       | -   | +              | +        | +            | -  | +       | ┿       | ┿        | 1          |       | 121        |          | Н               | $\dashv$ | _            |           | -        |                     |   | $\vdash$  |
| -            | 22       | -            |          |   | ┢  | -            | ┢╌           | -        | -            | $\dashv$ | -        |          | 72       | $\dashv$  | +              | +        | +            | +  | +       | +       | +        | 1          |       | 122        |          | Н               | -        | _            |           |          | $\dashv$            |   | Н         |
|              | 23       | $\vdash$     | $\vdash$ |   | $\vdash$   | $\vdash$     | $\vdash$     | ╁        | $\vdash$     | $\dashv$ | -        |          | 73       | $\dashv$  | +              | +        | +            | +  | +       | +       | +        | 1          |       | 123        |          |                 |          |              |           |          | $\exists$           |   | $\dashv$  |
|              | 24       |              | $\vdash$ |   |  | $\vdash$     | $\vdash$     | ╁        | $\vdash$     | $\dashv$ | -        |          | 74       | $\dashv$  | +              | +        | +            | +  | +       | ┿       | +-       | 1          |       | 124        |          |                 |          |              |           | _        | $\vdash$            |   | 一         |
|              | 25       |              | $\vdash$ |   | $\vdash$   | $\vdash$     |              | $\vdash$ | $\vdash$     | $\neg$   | +        |          | 75       | _   | $\dashv$       | $\dashv$ | +            | +  | +       | ╅       | +-       |            |       | 125        |          |                 |          | _            |           | _        |                     |   | $\sqcap$  |
| <del> </del> | 26       |              | $\vdash$ |   | -  | $\vdash$     | _            | -        |              |          | -        |          | 76       | _   | +              | +        | +            | +  | +       | +       | $\vdash$ |            |       | 126        |          |                 | $\dashv$ | _            |           |          |                     | - | $\Box$    |
|              | 27       | _            | $\vdash$ |   | <del>                                     </del> | _            | $\vdash$     | $\vdash$ | _            | $\dashv$ |          |          | 77       |   | $\top$         | $\top$   | $\top$       | $\top$   | ┪       | +       | +-       |            |       | 127        |          |                 |          |              |           |          |                     | _ | $\Box$    |
|              | 28       |              | $\vdash$ | _ | -  | <del> </del> | ┢            | $\vdash$ | <del> </del> | $\dashv$ |          |          | 78       | 十   | ✝              | +        | +            | $\top$   | -       | +       | +-       | 1 1        |       | 128        |          | Н               |          |              |           |          |                     |   | П         |
|              | 29       |              |          |   | T-   | ┢            | $\vdash$     | Г        | $\vdash$     |          |          |          | 79       | $\neg$  | +              | 7        | 十            | 7  | _       | $\top$  |          | i i        |       | 129        |          |                 |          |              |           |          |                     |   | П         |
|              | 30       |              |          |   |  | İ            | Ħ            |          |              |          |          |          | 80       | $\neg$  | $\top$         | $\top$   | 十            | T  |         | $\top$  | $\top$   | 1 1        |       | 130        | Г        |                 |          |              |           |          | П                   |   | П         |
|              | 31       | -            |          |   |  |              | Ì            |          |              |          |          |          | 81       | $\neg$  | T              | T        | T            | T  | T       | ╅       |          | 1 1        |       | 131        |          |                 |          |              |           |          |                     |   | П         |
|              | 32       |              |          |   |  | T            |              | Г        |              |          |          | $\top$   | 82       |   |                |          | T            | Т  |         | T       |          | 1 1        |       | 132        |          |                 |          |              |           |          |                     |   |           |
|              | 33       |              |          |   |  |              |              |          |              |          |          |          | 83       |   |                | $\Box$   | ightharpoons |  | Ι       | I       |          |            |       | 133        |          |                 |          |              |           |          |                     |   |           |
|              | 34       |              |          |   |  |              |              |          |              |          |          |          | 84_      | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |                |          |              | $\perp$  |         |         |          | ]          |       | 134        |          |                 |          |              |           |          |                     |   | Ш         |
|              | 35       |              |          |   |  |              |              |          |              |          |          |          | 85       |   | $\perp \Gamma$ |          |              | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | L       |         |          | 1          |       | 135        |          |                 |          |              |           |          | Ш                   |   | $\square$ |
|              | 36       |              |          |   |  |              |              |          |              |          |          |          | 86       |   |                | $\perp$  |              | $\perp$  |         | L       |          |            |       | 136        | _        |                 |          |              |           |          |                     |   |           |
|              | 37       |              |          |   | 匚  |              |              |          |              |          |          |          | 87       |   |                |          |              |  |         |         |          | 1          |       | 137        |          | Ш               |          |              |           |          |                     |   | Ш         |
| <u> </u>     | 38       |              |          |   | _  | <u> </u>     | <u> </u>     | L        |              |          | $\perp$  |          | 88       | $\perp$   | $\perp$        | $\perp$  | 4            | $\perp$  | 4       | $\perp$ | -        | 1          |       | 138        |          | Ш               |          | <u> </u>     |           |          | $\sqcup$            |   | Ш         |
| <u> </u>     | 39       | L_           | L        |   |  | _            | <u>L</u>     |          |              | _        | L_       |          | 89       |   | _              |          |              | $\perp$  | $\perp$ | 1       |          |            |       | 139        | ļ        | <u> </u> _      |          | <u> </u>     |           |          | $\sqcup$            |   | Ш         |
| <u> </u>     | 40       | L            |          |   | _  | <u> </u>     | <u> </u>     |          | Щ            |          |          |          | 90       | $\perp$   | _              | $\bot$   | _            | _  | 4       | 4       | _        | 1          |       | 140        |          | <u> </u>        |          | <u> </u>     |           |          | $\sqcup$            |   | Ш         |
| <u> </u>     | 41       | L.           | Ш        |   | <u> </u>   | <u> </u>     | ـــــ        |          | Ш            | _        |          | 4        | 91       | $\perp$   | 1              | $\perp$  | -            | _  | 4       | $\bot$  | 4        | 1          |       | 141        | <u> </u> | <u> </u>        |          |              |           | L_       | $\sqcup$            |   | Ш         |
|              | 42       | L            | Щ        |   |  | <u> </u>     | <u> </u>     |          | Ш            | _        |          |          | 92       | $\perp$   | 4              | $\perp$  | 4            | _  | 4       | +       | +        |            |       | 142        | ļ        | <u> </u>        | Щ        | <u> </u>     |           |          | $\sqcup$            |   | Ш         |
| <u> </u>     | 43       |              | $\vdash$ |   | <u> </u>   | _            | $\vdash$     | _        | Щ            | _        |          |          | 93       | 4   | 4              |          | -            |  | _       | +       | +        |            |       | 143        | ļ        | _               |          | <u> </u>     | _         | <u> </u> | ${oxed}$            |   | Н         |
| <u> </u>     | 44       | ļ            | Н        |   | L  | <u> </u>     | ₩            | _        |              | _        |          |          | 94       | -   | -              | -        | +            | +  | +       | +       | +        | 1          | -     | 144        | <u> </u> | H               |          |              |           | _        | $\vdash \vdash$     |   | Н         |
|              | 45       | _            | <u> </u> |   | L  | $\vdash$     | ⊢            | <b>—</b> | Щ            | _        |          |          | 95       | +   | -              | $\dashv$ | +            | +  | +       | +       | +-       |            |       | 145        | <u> </u> | $\vdash$        | $\vdash$ |              |           | <u> </u> | $\vdash \downarrow$ | _ | Н         |
|              | 46       | <u> </u>     | <u> </u> |   | L  | <u> </u>     | <u> </u>     |          |              | _        |          |          | 96       | +   | +              |          | +            | -  | +       | +       | +        |            |       | 146        | <u> </u> | H               | $\vdash$ | <u> </u>     |           | <u> </u> |                     |   | $\vdash$  |
| <u> </u>     | 47       | <u> </u>     |          |   | <u> </u>   | $\vdash$     | ₩            | <u> </u> | $\vdash$     | _        |          | $\dashv$ | 97       | $\dashv$  | +              | +        | -+-          | - -  | +       | +       | +        |            |       | 147        | <u> </u> |                 | $\vdash$ | <u> </u>     |           | <u> </u> |                     |   | _         |
| -            | 48       | <u> </u>     | $\vdash$ |   | -  | $\vdash$     | ⊢            |          | $\vdash$     | $\dashv$ | <u> </u> |          | 98       | -+  | +              | +        |              |  | +       | +       | +        | <b>∤</b> ∣ | -     | 148        | <u> </u> | $\vdash$        | Н        |              |           |          | $\vdash$            |   | $\vdash$  |
| <u> </u>     | 49       | <u> </u>     | H        |   | $\vdash$   | $\vdash$     | $\vdash$     | -        | $\vdash$     | $\dashv$ | -        | +        | 99       | +   | +              | +        | +            | +  | +       | +       | +        |            | -     | 149<br>150 | $\vdash$ | $\vdash$        | $\vdash$ | <del>-</del> |           | $\vdash$ | $\vdash$            | _ | $\vdash$  |
|              | 50       |              |          |   | L_   | <u> </u>     | <u> </u>     | L        | ш            |          |          |          | 100      |   |                |          | L_           | $\perp$  |         | 丄       |          | ا ز        |       | 130        | L        | L               | لـــا    | L            |           | L        | ш                   |   |           |